

### ABSTRACT OF THE DISCLOSURE

A nail gun comprises a body which is provided with an upright slot and a horizontal slot. The upright slot is used to accommodate an explosive array while the horizontal slot is used to disposed a trigger mechanism for discharging nails by the force of the explosive array. The trigger mechanism comprises a link rod, an actuation rod, a nail firing tube, and a recovery spring. The link rod is triggered by the nail firing tube in motion to bring about the stretching of the recovery spring and the swiveling of the actuation rod such that a retaining hook of the actuation rod is retained in one of a series of retaining slots of the explosive array. The explosive array is forced to move upward by the retaining hook of the actuation rod at such time when the link rod is relieved of the pressure of the nail firing tube.